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(71) Applicant (for all designated States except US):
SECUTRONIX INC. [KR/KR]; 10F Hanmi Building 192-19 Nonhyeon-dong, Gangnam-gu, Seoul 135-826 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Hyun** [KR/KR]; 306-2501 Neuti Maeul Apt. Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR). **SEO, Young, Jin** [KR/KR]; 24-206 Samho Apt., Wolgye 3-dong, Noeong-gu, Seoul 139-053 (KR). **AHN, Jong, Woo** [KR/KR]; 30-905 Shindongah Apt., Banghak-dong, Dobong-gu, Seoul 132-020 (KR). **LEE, Seung, Min**

[KR/KR]; 2F 713-21 Sillim 13-dong, Gwanak-gu, Seoul 151-023 (KR). **HONG, Sa, Hyang** [KR/KR]; 101-1502 Geonyeong Apt. Songjeong-dong, Seongdong-gu, Seoul 133-160 (KR). **LEE, Tae, Hun** [KR/KR]; 320-202 Woosung Apt. Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR). **KWAK, Byung, Kee** [KR/KR]; 12-56 Naedang 1-dong, Seo-gu, Daegu Metropolitan City 703-061 (KR).

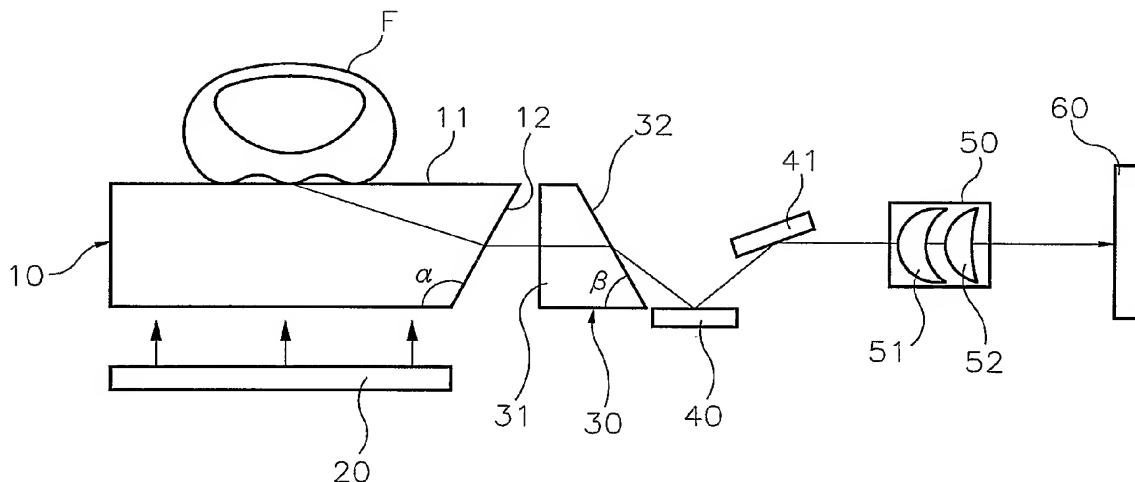
(74) Agent: **HAN YANG PATENT FIRM**; 9F Keungil Tower, 677-25, Yeoksam-dong, Gangnam-gu, Seoul 135-914 (KR).

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(54) Title: OPTICAL FINGER PRINT INPUT DEVICE FOR MOBILE APPARATUS



(57) Abstract: An optical fingerprint image input device for a mobile apparatus includes: a plate-shaped fingerprint contact member; a distortion correcting member for correcting distortions; light sources disposed at both sides of the fingerprint contact member, other than an inclined surface or a back light source in a liquid crystal display element; focusing means disposed at an inclined surface side of the distortion correcting member; and an image sensor. In other words, the fingerprint contact member and the distortion correcting member having respective set-up inclined angles are disposed to discern sweat, water or oil and to correct a trapezoidal distortion which is a disadvantage that occurs when a thin fingerprint contact medium is used, and to form a lens system comprised of a cylindrical lens and a spherical lens for adjustment of a ratio of transversal to longitudinal widths of an image.



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